

Borough of Bacup



Annual Reports

of the

Medical Officer of Health

and

Chief Sanitary Inspector and
Cleansing Superintendent

on the

PUBLIC HEALTH SERVICES

of the Borough of Bacup

1939

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Annual Report

on the
PUBLIC HEALTH SERVICES
of the Borough of Bacup
1939

by
J. W. McKinney

M.B., Ch.B., D.P.H.

MEDICAL OFFICER OF HEALTH

Maternity and Child Welfare
Medical Officer,
School Medical Officer.

BOROUGH OF BACUP.

Health Committee.

His Worship the Mayor, Councillor W. J. Hartley, J.P.
(ex-officio).

Alderman E. Gledhill (Chairman).

Councillor J. H. Hargreaves (Vice-Chairman).

Councillor F. D. Ashworth,

„ H. Ashworth,

„ T. Ashworth,

„ E. Barcroft,

„ W. Marshall, J.P.

„ A. Rhodes,

„ F. Smith,

„ S. C. Smith.

„ W. Wright.

Maternity and Child Welfare Sub-Committee.

All the Health Committee.

The Mayoress (Miss L. Hartley).

Mrs. H. Graham,

Mrs. J. A. Hargreaves, J.P.,

Mrs. E. Howorth,

Mrs. J. Macdonald, J.P.,

Mrs. W. M. Taylor.

Public Health Officers.

Medical Officer of Health, Maternity and Child Welfare Medical

Officer, School Medical Officer :

J. W. McKinney, M.B., Ch.B., D.P.H.

Dental Surgeon to Education Authority :

J. Midgley, L.D.S. (Part Time).

Puerperal Pyrexia Consultant :

Dr. A. Callam, 1, Ormerod Road, Burnley.

(Telephone : Burnley 3973).

Consultant-Specialist. Ante-Natal Clinic :

Dr. R. Newton, 11, St. John Street, Manchester.

Home address. "Leaside," Wythenshawe Road, Sale.

(Telephones : Blackfriars 2198 and Sale 4878).

Borough Analyst. (Part Time) :

T. R. Hodgson, M.A., F.I.C., F.C.S.

Chief Sanitary Inspector, Meat and Foods Inspector,

Smoke Inspector and Cleansing Superintendent :

W. A. Healey, Cert. of Sanitary Inspectors' Exam. Joint Board

Mem. San. Inspector's Association.

Cert. Inspector of Meat and Other Foods, R.S.I.

Cert. Smoke Inspector, R.S.I.

Diploma City and Guilds Inst. (Boiler House
Practice) (First Class).

Diploma of Royal Inst. of Public Health and
Hygiene.

Additional Sanitary Inspector :

R. E. J. Hargreaves (Appointed 7th December, 1938).

(Resigned August, 1939).

Health Visitor :

Miss E. Fletcher, S.R.N., Certified Midwife.

School Nurse :

Miss B. Kelly, S.R.N., Certified Midwife.

Clerks :

Clifford Walkden and Geoffrey Coleman.

Public Health Department,
Rochdale Road,
Bacup,
October, 1940.

To the Mayor, Aldermen and Burgesses of the Borough of
Bacup.

Mr. Mayor, Ladies and Gentlemen,

I have the honour to present to you my Ninth Annual Report on the Health of the Borough.

This report deals with the statistics for the year 1939 and has been held up owing to the delay in receiving the Registrar's final figures, and is also abbreviated as a result of War conditions.

The general health remains most satisfactory, fewer cases of Diphtheria, 25 in number, were notified during the year. The cases being of a mild nature.

I am pleased to say that the attendances at all the Clinics have been most gratifying.

During the year further work has been done under the Housing Act. Full details of this work are given later in the report.

I take this opportunity of expressing my thanks to the staff of the Public Health Department and other Corporation Departments and in particular to your Sanitary Inspector, Mr. W. A. Healey, for all his loyal co-operation and assistance which is always so willingly given to me, and to the Health Committee for their consideration and co-operation.

I am, Mr. Mayor, Ladies and Gentlemen,

Your obedient servant,

J. W. McKINNEY,

Medical Officer of Health.

MEDICAL OFFICER'S ANNUAL REPORT FOR 1939.

Area in Acres—6,121.

Population Census, 1931—20,590.

Registrar General's estimate of

(a) Resident population, mid 1939, 19,650

(b) Average population, appropriate to the calculation of Death Rates, 19,510.

Number of inhabited houses—6,048.

Rateable value—£88,511.

Penny Rate Yields—£333.

Bacup is essentially a manufacturing town, the people being chiefly employed in the Footwear Industry, Cotton and Felt Trades, Sandstone Quarrying, Dyeing, etc.

Principal Causes of Death during 1939.

	M	F	
Influenza	1	1	2
Respiratory Tuberculosis	11	8	19
Other Tuberculosis	1	1	2
Cancer	20	19	39
Diabetes	2	4	6
Cerebral Haemorrhage	16	10	26
Heart Disease	29	33	62
Other Circulatory	3	5	8
Bronchitis	14	18	32
Pneumonia (all forms)	2	2	4
Other Respiratory Diseases	2	2	4
Peptic Ulcer	1	—	1
Appendicitis	3	—	3
Other Digestive Diseases	4	3	7
Acute and Chronic Nephritis	9	5	14
Congenital Causes	7	6	13
Senility	9	17	26
Suicide	3	2	5
Other Violence	10	4	14
Other Defined Causes	8	16	24
Syphilis	—	1	1
Enceph: lethargica	—	1	1
Diarrhoea	1	—	1
Other Liver Diseases	—	1	1

Total 156 159 315

Total Deaths, 1938 : 285.

Death rate of infants under one year of age :—

All infants per 1,000 live births ~~24~~49

Legitimate infants per 1,000 legitimate live births... ~~24~~49

Illegitimate infants per 1,000 illegitimate live births —

Deaths from Cancer (all ages) 39

Death Rate from Pulmonary Tuberculosis 0.96

„ „ „ Non Pulmonary „ 0.10

„ „ „ Respiratory Diseases (except tuberculosis) 2.03

„ „ „ Measles 0.00

„ „ „ Whooping Cough 0.00

„ „ „ Diarrhoea (under 2 years) 0.00

„ „ „ Scarlet Fever 0.00

„ „ „ Enteric Fever 0.00

„ „ „ Diphtheria 0.00

Per 1,000 of Population,

	Live Birth-rate	Crude Death-rate	Death-rate from Tuberculosis of Respiratory System	Death-rate from Cancer	Maternal Mortality Rate		Rate of Deaths under One yr. per 1,000 Live Births
					Per 1,000 Live births	Per 1,000 Total Live & Still Births	
1937	12.5	15.7	0.80	2.02	4.04	3.93	60
1938	13.4	14.4	0.45	1.57	3.77	3.43	49
1939	12.4	16.0	0.96	1.98	4.13	3.92	24 49.
Increase or Decrease on Previous Year	—1.0	+1.6	—0.51	—0.41	+ .36	+ .49	+25

Respiratory Diseases.

The number of deaths from above were Bronchitis 32, Pneumonia 9, other Respiratory Diseases 4, a total of 40, giving a death rate of 2.03 per 1,000 of population per annum against a death rate of 1.58 for 1938.

Diarrhoea and Enteritis.

There were no deaths (under 2 years of age). The death-rate for England and Wales for 1939 was 4.6 per 1,000 live births.

Cancer and Malignant Disease.

The deaths from the above were males 20, and females 19, total 39. This gives a death rate of 1.98 for 1939 against 1.57 for 1938.

Maternal Mortality.

There was one death during the year.

General Provision of Health Services.

Professional Nursing in the Home (a) General is undertaken by the Bacup Nursing Association, 2 Nurses; (b) Infectious Diseases, e.g., Measles, Whooping Cough, Puerperal Pyrexia, Pneumonia, Typhoid Fever, and Ophthalmia Neonatorum by the same nurses.

The Bacup Nursing Association has no connection with the Local Authority.

Under the Midwives Act, there are three midwives in practice, namely: Nurses Barcroft, Graham and Pollard.

Clinics and Treatment Centres. Maternity and Child Welfare Centre and its work is put in Infant Mortality Section. School Clinics are under the Education Committee. Tuberculosis Clinic is under the Lancashire County Council Tuberculosis Committee.

Hospital Arrangements.

1,208 cases received treatment in the following hospitals under recommends from the Bacup Borough Hospital Fund:—

	In- Patients.	Out- Patients.	Total.
Rochdale Infirmary	121	262	383
Manchester Royal Infirmary	89	130	219
Bury Infirmary	116	44	160
St. Mary's Hospitals, Manchester ...	50	39	89
Manchester Royal Eye Hospital	9	48	57
Manchester and Salford Skin Hospital	2	33	35
Royal Manchester Children's Hospital	20	22	42
Manchester Victoria Memorial Jewish Hospital	12	5	17
Burnley Victoria Hospital	9	6	15
Christie Hospital and Holt Radium Institute	8	1	9
Manchester Ear Hospital	3	9	12
Royal Devonshire Hospital	5	—	5
Harrogate R. B. Hospital	4	—	4
Ancoats Hospital, Manchester	—	4	4
Salford Royal Hospital	3	—	3
Manchester Northern Hospital	1	1	2
Royal Halifax Infirmary	4	—	4
Other Hospitals	7	2	9
Greenfield Massage Centre	{ Massage, 38 } { Radio, 101 }		... 139
	463	745	1248

Home cases are assisted as regards nourishment—Surgical and Medical appliances by the Mayor's Central Aid Fund.

Maternity. Special arrangements made with Moorlands House, Rawtenstall; joint agreement with Lancashire Public Assistance Committee No. 7 Haslingden Area according to number of cases sent in.

Children. None, except that if mother is fit to leave Moorlands House after confinement there the baby may remain if necessary for special treatment.

The Bacup, Rawtenstall and Haslingden Orthopædic Clinic was opened in January, 1930, for non-tuberculous cases. It is for children under school-age as well as school children, and is part of the Lancashire County Council Scheme. It is held in The Clinic, Kay Street, Rawtenstall.

Smallpox. Joint Hospital at Sourhall, Todmorden, with 32 beds.

Fevers. Agreement with Bury Joint Infectious Hospital Board—beds unlimited for Scarlet Fever, Diphtheria, Enteric Fever, Puerperal Pyrexia, Cerebro Spinal Fever, Poliomyelitis, Encephalitis Lethargica, Polioencephalitis.

Other Diseases. Ophthalmia Neonatorum cases can obtain admission to the Royal Eye Hospital, Manchester. Special arrangements for diseases when required, e.g., Influenza Epidemic 1918, the Haslingden Guardians had a special arrangement for Influenza-Pneumonia cases in their hospitals, Erysipelas when required.

Ambulance Facilities. (a) In infectious cases—provided by hospitals. (b) Non-infectious and accident cases—the Borough Ambulances.

Sanitary Circumstances in the Area.

Water Supply:—Town's Water Supply is from moorland gathering grounds and is passed through Bell's Patent Mechanical Pressure Filters.

Special attention is being paid to the gathering grounds in order to bring the risk of any sources of contamination to a minimum.

Frequent chemical and bacteriological examinations of the water are made.

The Borough and Water Engineer's Report below gives details of water supplies, also drainage and sewerage:—

1. New connections to Town's Water Supply:—

Private Houses (domestic use):

H.L. 80, L.L. 37	45
Works and Mills (by meter)	1
Urinals	nil
Garage	nil
Farm	1
Barracks (by meter)	1
A.R.P. (Cleansing Station)	1
Sprinkler Main (to Mill)	1

2. New Districts Connected to Water Supply:

Extensions to the following Estates: Rockcliffe, Thorn, Hardman Drive, Plantation. View and development at New Line (Park Crescent) and Higher Change. On Booth Road—Syke Cottages were transferred to Town's Water from a Private Supply.

3. New connections to existing Service Pipes:—

Hot Water only	33
Baths and Sinks	24
W.C.s'	27
Urinal	1
Hose Reel Connection	1
Heating Apparatus	4
Stable	1
Garage	1
Taps (including 6 by Meter)	7
Wash Basins	5
Farms (10 bowls for Cattle)	1

4. Total number of connections and consumers to Town's Water Supply:—

Domestic connections	5,735
.. consumers (at $3\frac{1}{3}$ persons	
per connection	19,117

(Note: Number of consumers was calculated on basis of $3\frac{1}{3}$ persons per connection up to August 1938 and was reduced to $3\frac{1}{3}$ persons per connection from September 1938).

Workshops, Mills and Urinals	...	146
Sprinklers	... ..	23

5. Water Analyses :

During the year, 20 samples of water have been sent to the Borough Analyst :

17 Samples of Town's water :

15 reported excellent ;
2 reported as slightly acid.

3 Samples from private sources :

1 reported slightly acid and plumbo solvent ;
1 reported quite fit for domestic use ;
1 unfit for use for domestic purposes.

Frequently samples of water have been examined bacteriologically and suitable action taken when tests have indicated the need for action. Approximately 77 tests have been made on water from town's water supplies (including gathering grounds) and 5 tests on private supplies.

6. Water Analyses (including samples taken by Public Health Department) :—

During the year 82 samples of water have been sent to the Borough Analyst.

77 samples from Town's Water : All reported satisfactory.

3 samples from Private Supplies : Fit for domestic purposes.

2 samples from Private Supplies : Unfit for domestic purposes.

1 test also reported—

“No Typhoid Organism found.”

7. Drainage and Sewerage : The following Extension of Sewers and Surface Water Drains have been carried out during the year under review :—

New Sewers :

Thorn Estate (52 Houses) : G.E. Pipes, 395yds. 1ft. 6ins.
do. G.E. Pipes 53yds. 1ft. 9ins.

New Surface Water Drains :

Thorn Estate (52 Houses) : G.E. Pipes, 400 yds. 1ft. 6ins.
do. Concrete tubes, 75yds. 30ins.

The above 24 Houses erected by the Local Authority were erected with State Assistance under the Housing Act, 1936, to re-house tenants displaced from Clearance Areas.

Schools

The general condition of the Schools is fair, but the sanitary arrangements in some require to be improved in order to raise the standard. This I consider an important part in the education of the child.

As S.M.O. I am always in touch with them as regards the prevention and spread of infectious diseases.

1 School has been Disinfected during the year.

Rivers and Streams.

These are attended to by the Mersey and Irwell Rivers Board.

Inspection, Closets, Scavenging, &c.

These are in the Sanitary Inspector's part of the report. Conversion of pail closets to fresh W.C.'s is progressing. During the year 22 conversions took place.

Common Lodging Houses.

There are two Common Lodging Houses, which are kept in a satisfactory condition.

Tents, Vans, Sheds, &c.

All vans, etc., visiting the town are inspected.

Swimming Baths and Pools.

There are Public Swimming Baths also Foam, Vapour, Turkish and Vichy Douche, the water of which is from the Town's supply, and is regularly changed.

Housing Statistics, 1939.

1. Inspection of Dwelling-houses during the year :—

(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) ...	307
(b) Number of inspections made for the purposes	1285
(2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	59 houses
(b) Number of inspections made for the purposes	129
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	30
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	2

2. Remedy of Defects during the year without Service of formal notices :—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	343
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3. Action under Statutory Powers during the Year :—

(a) Proceedings under sections 9, 10 and 16 of the Housing Act, 1936 :—

(1) Number of dwelling-houses in respect of which notices were served requiring repairs	—
--	---

- (2) Number of dwelling-houses which were rendered fit after service of formal notice :—
- (a) by owners —
- (b) by Local Authority in default of owners —
- (b) Proceedings under Public Health Acts.
- (1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied —
- (2) Number of dwelling-houses in which defects were remedied after service of formal notices :—
- (a) by Owners —
- (b) by Local Authority in default of owners —
- (c) Proceedings under sections 11 and 13 of the Housing Act, 1936 :—
- (1) Number of dwelling-houses in respect of which Demolition Orders were made 2
- (2) Number of dwelling-houses demolished in pursuance of Demolition Orders —
- (d) Proceedings under section 12 of the Housing Act, 1936 :—
- (1) Number of separate tenements or underground rooms in respect of which Closing Orders were made ... 25
- (2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit —

4. Housing Act, 1936—Overcrowding:—

(a) (1)	Number of dwelling-houses overcrowded at end of year	69
(2)	Number of Families dwelling therein	70
(b)	Number of new cases of overcrowding reported during the year ...	—
(c) (1)	Number of cases of overcrowding relieved during the year	—
(2)	Number of persons concerned in such cases	—
(d)	Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of the overcrowding	—

SUMMARY OF VITAL STATISTICS.

	Total	M	F	
Live Births				Birth rate per 1,000
Legitimate	236	123	113	of the estimated
Illegitimate	6	3	3	resident population
				12.4
Still Births	13	7	6	Rate per 1,000 total
				(live and still) births
				50.9
Deaths	315	156	159	Death rate per 1000
				of the estimated
				resident population
				16.0 Corrected
				Death Rate (comp-
				arability factor 1.08)
				17.28

Number of women dying in, or in consequence of childbirth

from sepsis	0
from other causes	1

Death rate per 1,000 total (live and still) births 3.92

Bake-houses and places where food is prepared are inspected.

The following samples were taken and submitted to the Analyst:—

Article.	No. of Samples taken.	Genuine.	"Not" Genuine.	Remarks.
Milk (By Mr. Healey).	24	23	1	Vendor Warned
Potted Meat	1	1	...	...
Baking Powder	1	1	...	...
Jam	2	1	1	1 sample deficient in fruit
Cheese	1	1	...	...
Chest & Lung Mixt.	1	1	...	...
Lard	1	1	...	...
Whisky	1	1	.	...
Coffee	1	1	...	...
Bleach Ointment	1	1	...	...
Pork Sausages	1	1	...	...
Margarine	2	2	...	...
Pepper	2	2	...	...
Cocoa	1	1	.	...
Vinegar	2	2	..	..
Peas	1	1	...	...
Honey	1	1	...	...
Beef Suet	1	1	...	...
Iodine	1	1	...	...
Cough Mixture	2	2	..	...
Totals	48	48	2	2

Further particulars as to Meat and Food Inspection, etc. are in the Sanitary Inspector's part of the report.

Diphtheria.

There were 25 cases, no deaths. 23 cases treated in hospital.
Number of cases in 1938, 58.

Erysipelas.

12 cases. 11 cases in 1938.

Scarlet Fever.

14 cases. No deaths. 23 cases in 1938.

Puerperal Pyrexia.

1 case of Puerperal Pyrexia. No deaths. One case in 1938.

Whooping Cough.

No deaths Fair number of cases.

Pneumonia.

5 cases compared with 14 in 1938. 9 deaths, compared with 9 in 1938.

Smallpox.

There were no cases of Smallpox.

OPHTHALMIA NEONATORUM.

Cases			Vision Un- impaired	Vision Impaired	Total Blindness	Deaths
Notified	Treated					
	at Home	in Hospital				
1	yes	—	yes	—	—	—
1	yes	—	yes	—	—	—
1	—	yes	yes	—	—	—
1	yes	—	yes	—	—	—

Tuberculosis.

There were 11 Pulmonary cases and 21 deaths. Non-Pulmonary cases were 16 with no deaths. Pulmonary deaths per 1,000 were .81 compared with .81 for 1938. Non-Pulmonary deaths per 1,000 were none, compared with none for 1938.

TUBERCULOSIS, 1939.

Age Periods	NEW CASES				DEATHS			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
Years								
0—1	...	...	...	1	...	...	...	...
1—5	...	...	1	1	...	...	...	...
5—10	...	...	1	1	...	...	...	...
10—15	...	...	1	...	...	...	...	...
15—20	...	1	2	2	1	...	...	...
20—25	...	1	..	3	1	1	...	...
25—35	...	2	1	1	1	3	..	...
35—45	...	2	...	1	3	2	...	...
45—55	..	1	..	...	3	...	...	...
55—65	...	1	...	...	1	2	...	...
65 and upwards	2	...	...	..	2	1	...	...
Totals	6	5	6	10	12	9	...	...
	11		16		21		0	
1938 Totals	6	5	6	10	12	9		
	11		16		21			
1937 Totals	8	12	7	14	9	7	—	1
	20		21		16		1	
1936 Totals	11	7	4	4	6	3	2	1
	18		8		9		3	
1935 Totals	9	6	3	10	6	4	0	2
	15		13		10		2	

No action has been necessary for wilful neglect or refusal to notify, notification on the whole being efficient.

The following is a list of occupations, if any, followed by patients notified during 1939:—

	Pulmonary	Non-Pulmonary
School-Children		3
Slipper Operatives	4	4
Clerks		2
Occupation not given	2	2
Infants		2
Labourers	1	—
Lorry Drivers	1	—
Peddlers	1	—
Butchers	1	—
Cotton Operatives	2	1
Collector	1	—
Warehouseman	—	1

General.

There is a disinfecting and cleansing station where verminous persons and their belongings can be disinfected, also cases of scabies in school children may have baths, etc. There is also a bath at the School Clinic.

At York Place, Manchester, 44 Diphtheria swabs were examined, and 3 Tests for Enteric Fever were carried out. Arrangements have been made for examination if required of swabs from cases of Puerperal Pyrexia.

The Borough Analyst's report upon the town's water supply showed it was pure and had no plumbo-solvent action.

Maternity and Child Welfare.

148 women made 220 attendances at the Ante-Natal Clinic, thus taxing our accommodation to the uttermost, but the patients appeared to appreciate the services rendered very much indeed, which is a very satisfactory feature.

Dr. Newton is available through any of the local practitioners for cases of abnormal confinement.

The Infantile Mortality Rate for the year was 49 deaths per 1,000 live births, against 49 for 1938. The births were 242 against 291 for 1938. There were 13 Stillbirths for 1939 against 26 for 1938.

There were 12 deaths of infants under 1 year of age compared with 13 for the year 1938.

The Milk (Mother and Children) Order, 1919, has been carried out according to the Ministry of Health Scale.

Measles, Whooping Cough, Epidemic Diarrhoea and Pemphigus Neonatorum are visited by the Health Visitor.

102 mothers were confined at Moorlands Maternity Home against 89 in 1938. 21 mothers confined in other hospitals or nursing homes outside the district. 16, St. Mary's Hospital; 4, Bury Infirmary; 1, Accrington. Total 123.

Dr. A. Callam, of Burnley, is the Consultant for Puerperal Pyrexia cases, and is available through the Medical Officer of Health.

Maternal deaths are investigated by Dr. Hall, the County Medical Officer of Health.

Visits paid by Health Visitor during the year 1939:—

To Expectant Mothers	65
,, Infants under 1 year first visits	266
,, ,, ,, total visits	760
,, Children 1-5 years total visits ...	790
Visits re Still Births	—
Ophthalmia Neonatorum cases	
visited	—
Puerperal Pyrexia cases visited ...	—
Whooping Cough cases visited ...	8
Measles cases visited	5
Pemphigus Neonatorum cases	
visited	—

The Maternity Centre was open 50 times when mothers and guardians made 2,875 attendances and children 2,958.

Death Rate from Puerpural Causes.

	Deaths	Death rate per 1,000 total (live and Stillbirths)
Puerpural Sepsis	nil	nil
Other Causes	one	3.92

England and Wales, 1933.

Orthopædic Clinic Held at Rawtenstall.

The following table shows the number of Bacup children, of school age who attended the Orthopædic Clinic for treatment during the year ended December 31, 1939.

Sex	Age Years	Diagnosis	Attendances		School
			8 Surg'n's Clinic	Ordin- ary Clinic	
F	14	Injury to Nerve	7	22	Blackthorn
M	10	Crushed foot	3	5	Central Junior
F	12	Infantile Paralysis	2	—	St. Joseph's
F	7	Infantile Paralysis	4	—	Sharneyford
F	10	Infantile Paralysis	1	1	St. Mary's
M	7	Infantile Paralysis	2	8	Mount
M	10	Birth Palsy	2	1	Central Junior
M	10	Prominent Metatarsal	1	1	Western
M		Inf. Hemiplegia	1	1	St. Mary's
M		Inf. Paralysis	1	1	Mount
M		Old Fracture R. Tibia	1	—	Central Infants
F	10	Injury to Knee	2	1	St. Mary's
M			1	1	St. Mary's

Total

28

42

Two of the above cases received treatment at Biddulph Orthopædic Clinic during the year.

List of Bacup children under school age who attended the Clinic during the year 1939 :—

Maternity and Child Welfare Return.

Sex	Age	Diagnosis	Attendances	
			Surgeon's Day	Ordinary Clinic
M	2	C.T.E. Varus	5	18
M	3½	Injury to tendon	2	7
F	6/12	E.T. Varus	5	14
F	2	Conj. Multiple Deformities	8	—
F	2/12	C.T.G. Varus	8	30
M	2	T.E. Varus	4	—
M	2½	Genu. Valgum	3	2
M	1⅓	Birth Palsy	1	1
M	5 wks.	C.T.E. Valgus	3	1
M	1¾	Conj. Valgus Feet	2	—
M	2	Genu. Valgum	1	—

Total 42 73

One of the above cases received treatment at the Biddulph Orthopaedic Clinic during the year.

Factories and Other Premises.

1.—INSPECTION OF FACTORIES AND OTHER PREMISES.

Including Inspections made by Sanitary Inspectors.

Premises.	Number of		
	Inspections	Written Notices	Occupiers prosecuted
Factories (with Mechanical Power)	10	10	...
Factories (without Mechanical Power)	44	10	...
Other Premises (other than Outworkers' premises)	3	...	...
Total	57	20	...

2.—DEFECTS FOUND IN FACTORIES AND OTHER PREMISES.

Particulars.	Number of Defects			Number of offences in respect to which Prosecutions were instituted.
	Found	Remedied.	Referred to H.M. Inspector.	
Nuisances under the Public Health Acts :—				
Want of cleanliness	9	9	...	...
Other Nuisances ...	1	1	...	...
Sanitary accommodation :—				
No appropriate Sex Notices affixed	3	3	...	...
No artificial Lighting provid'd	11	11	...	...
Unsuitable or Defective	2	2	...	...
Total	26	26	...	...

**List of Acts Promoted by and of those Adopted by the
Corporation of Bacup.**

Public Health Acts Amendment Act (Various Sections)	1890
Local Government Boards Provisional Orders Con- firmation (No. 7 Act)	1890
do. do. (No. 10 Act)	1890
Bacup Corporation Water Act	1894
L. G. B.'s Provisional Orders Confirmation Act (No. 19 Act)	1897
Bacup Corporation Water Act	1898
do. Act	1906
Public Health Acts Amendment Act	1907
Sections 18, 21, 28, 31 & 33 of Part II.	
Section 35, Part IV.	
L. G. B.'s Provisional Orders Confirmation Act (No. 4) Act	1912
L. G. B.'s Provisional Orders Confirmation Act (No. 16) Act	1913
L. G. B.'s Provisional Orders Confirmation Act (No. 3) Act	1919
Public Health Act	1925
Part II. Sections 13 to 35 (except 20).	

INFECTIOUS DISEASES

Number of cases of infectious diseases notified, number of deaths from these diseases, number of cases removed to hospital, and deaths in hospital during the year 1939.

[illegible]

Cerebro-spinal Fever...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Acute poliomyelitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Acute polio-encephalitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Encephalitis lethargica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dysentery ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ophthalm. Neonatorum	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas	12	1	...	...	...	...	...	...	...	...	...	...	...	9	1	...	1	...
Anthrax ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Contracted— In this country	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malaria { Abroad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Any other diseases <i>notifiable</i> in district, <i>e.g.</i> :—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles, excluding german measles ...	2	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping cough ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTALS ...	62	5	...	1	1	1	3	17	13	4	5	1	10	2	...	25	...	...

Borough of Bacup



Annual Report

of the

Chief Sanitary Inspector

_____ and _____

Cleansing Superintendent

W. A. HEALEY, C.R.S.I., M.S.I.A.

For the Year ending 31st December, 1939.

Sanitary Inspector's Office,
Rochdale Road,
Bacup,
October, 1940.

To His Worship the Mayor, Aldermen and Burgesses of the
Borough of Bacup.

Mr. Mayor, Ladies and Gentlemen,

I beg to submit my Annual Report of the work done by the Sanitary Department during the year 1939.

Sanitary Inspection of the District.

Total Number of Inspections	4510
Bakehouses Inspected	49
Complaints Investigated	179
Cowsheds and Dairies Inspected	22
Drainage Inspections	107
Dwelling Houses Inspected—Housing Acts	129
Dwelling Houses Re-Inspected—Housing Acts	337
Dwelling Houses Inspected—Public Health Acts	849
Dwelling Houses Inspected—Infectious Diseases	38
Factories Inspected	57

Offensive Trades Premises Inspected:—

Tripe Dressing Premises	6
Rag and Bone Dealers	10
Fried Fish Premises	22
Milk Samples submitted for Examination	24
Milk Samples submitted for Bacteriological Exam. ..	40
Water Samples submitted for Bacteriological Exam. ..	8
Rats and Mice Destruction Act	8
Inspections of Public Conveniences	48
Public Cleansing Services (Visits to tips, etc.)	94
Slaughter House Inspections	1022
Butchers' Shops Inspections	297
Market Stalls Inspection	107
Smoke Observation and Boiler House Inspections	14
Registration of Hawkers, etc. (L.C.C. Act, 1938.)	6
Inspections of Basement Dwellings	194
Overcrowding—Revision of Cases	69
Anthrax Order, 1938	2
Slum Clearance Removals	74
Books Disinfected	49
Rooms and Houses disinfected	57

Bedding destroyed	75 lots
Cloths disinfected for exportation	741 bales
Visits to works in progress	133
Miscellaneous Visits	431

Summary of Sanitary Improvements Effected.

Public Health Act, 1936.

Bacup Corporation Act, 1906.

Interior of Houses :

Houses connected to Town's Water supply	5
New glazed sinks fixed	3
New fire-side ranges fixed	2
New handrails fixed	1
Sash cords re-newed	6
Food-Store erected	1
Walls re-plastered	1
Ceilings re-plastered	4
Dirty houses cleansed	1
Chimney flues repaired	2
Floor boards repaired	3
Sink waste pipes trapped	3
Damp condition of house walls abated	1

Exterior of houses :

Outer doors repaired	2
Pointing repaired	3
Eavesgutters repaired or re-newed	6
Roofs repaired	5
Cavity walls cleared of deposits and air-grates fixed	5
Rain water downspouts repaired	5
Downspouts disconnected from soil drains	2

Yards and Outbuildings :

New gullies fixed	6
Offensive accumulations removed	4
Yards cleansed	2

Drainage :

Inspection chambers provided	2
Houses connected to public sewer	11

Water closets :

W.C. and yard drains repaired	11
Additional W.C.s provided	3
New W.C. pedestals fixed	4
W.C. apartments cleansed	2
W.C. water service pipes repaired or renewed ...	11

House refuse accommodation :

Dilapidated dust-bins renewed	469
Ashpits abolished	1
Dust bins provided in lieu of Ashpits	10

Pail closets :

Pail closets abolished	3
Waste water closets converted to fresh water closets	4
Pail closets converted to water closets	3

Farms :

Cesspools abolished	1
Cowshed and dairy re-drained and connected to pubic sewer	1

Miscellaneous :

Intervening ventilated space provided between ice cream room and W. C. apartment	1
Dust emission from factory abated	1

Meat and Food Inspection.

Meat Inspection :

There are 13 licensed slaughter-houses, in the borough, the regular inspection and supervision of which has been necessary to keep the premises in a satisfactory condition and to maintain a reasonable standard of cleanliness.

Four Intimation Notices were served on users of duly occupied premises.

Every effort has been made by your inspectors during the year, to ensure that every animal carcase was inspected at the time of slaughter or as soon as could be afterwards, thus ensuring a sound, wholesome, disease-free meat supply. The quality of meat sold in the borough has maintained its usual high standard.

The number of animals slaughtered and inspected in the private slaughter-houses is given in the following tables, which also indicate the number and percentages of carcasses condemned and surrendered affected with Diseases other than Tuberculosis and figures for Tuberculosis is only :—

LIST OF UNSOUND MEAT CONDEMNED AND SURRENDERED. GIVING WEIGHTS AND
CAUSES OF CONDEMNATION IN MONTHLY ORDER.

Month	Tuberculosis	Cirrhosis	Emaciation and Dropsy	Multiple Abscesses	Johne's Disease	Injury and Bruising	Decomposition	Actinom- ycosis	T. C.	TOTAL Q.	Lb.
January	732	14	...	14	336	30	...	...	10	0	6
February	393	70	...	42	500	...	...	...	8	3	25
March	1090	112	60	28	...	...	...	...	11	2	2
April	420	28	...	42	...	...	...	...	4	1	14
May	1294	42	...	14	...	120	10	...	13	0	24
June	474	28	...	42	...	...	...	...	4	3	13
July	940	...	...	28	...	...	...	...	8	2	16
August & Sept.	936	28	...	28	...	80	214	28	11	1	26
October	524	14	...	...	...	...	...	...	4	3	6
November	1058	14	...	...	...	...	...	...	9	2	10
December	...	...	...	...	...	...	...	...	...	...	...
Totals	7861	350	60	238	836	230	224	28	4	7	5

CARCASSES INSPECTED AND CONDEMNED.

	Bovines	Calves	Sheep and Lambs	Pigs
Number Slaughtered	1148	57	3682	407
Number inspected	1148	57	3682	407
All diseases except Tuberculosis—				
Whole carcasses condemned	2	—	2	—
Carcasses of which some part or organ was condemned	51	1	2	—
Percentage of the number inspected affected with disease other than tuberculosis	4.6%	1.7%	0.2%	—
Tuberculosis only—				
Whole carcasses condemned	8	—	—	1
Carcasses of which some part or organ was condemned	59	—	—	16
Percentage of the number inspected affected with tuberculosis	5.8%	—	—	4.1%

Milk Supply.

On the first of April 1938, the State Veterinary Service was established under the provisions of the Agricultural Act 1937, thereby relieving Local Authorities of their responsibilities in relation to the Veterinary Inspection of Dairy cattle in their districts. Progress has been made locally in methods of milk production and in the standard of buildings provided for this purpose.

Milk and Dairies Order.

The production of milk in the borough is no small industry and much time will be demanded of your officers to keep farms and cowsheds under systematic supervision.

Milk (Special Designations) Order 1936/8.

During the year one milk producer and retailer was granted an Accredited Milk Producer's Licence by the Lancashire County Council. The improvements set out below were effected at the producer's farm:—

Slip Inn Farm, Bacup.

Steam Sterilizing equipment provided (Low pressure boiler, washing trough steam pressure ring).
3 Shippons reconstructed—additional window lighting provided; floors concreted.

Two compartment dairy and boiler house erected.

The issue of this licence is a commencement and I am very hopeful that more will follow.

Food and Drugs Act, 1938.

The following samples were taken and submitted to the Public Analyst:—

24 samples of milk were submitted by me for analysis and with one exception were all found to be genuine.

The average composition of milk produced in the borough is given below together with the standard laid down by the Board of Agriculture:—

	Total Solids %	Milk Fat %	Solids not fat %
Board of Agriculture Standard	11.5	3.0	8.5
Average of 24 Samples	12.65	3.69	8.99

The Public Analyst reported that sample No. 335 was deficient of 2% of its fat. The sample contained only 2.94% of fat whereas genuine milk should contain at least 3%. The vendor was warned.

Public Health (Meat) Regulations, 1924.

All the Butchers' shops in our Borough, with the exception of one, are situated on the main road, and with the traffic this makes it imperative that the shop windows attached to these premises should be closed to prevent mud, filth or any other contaminative substance being splashed or blown thereon.

Offensive Trades.

Number	on	Register—	Tripe Boilers	2
"	"	"	Fat Melters	1
"	"	"	Rag & Bone Dealer	1

These premises have been regularly inspected and the Bye-laws adhered to.

Fried Fish Shops.

There are 42 of these businesses in the borough. Provided good and sound materials are used and the cooking carried out in a satisfactory manner no objection can be taken to these businesses.

Smoke Observations.

I have carried out several inspections of Boiler Houses and drawn attention of the firemen to the emission of smoke. No statutory action was necessary during the year.

Factories Act, 1937.

We have 69 Factories on our Register. 57 visits have been made under the above Act. 20 Notices were served. 3 Inspections have been made of Outworker's premises. (See Table Shewing Defects found in Factories and Other Premises).

Rats and Mice Destruction Act, 1919.

Numerous baits have been supplied Free for the destruction of Rats and Mice to the Public. In many instances visits were made to infested premises and the occupants advised in preventive measures and in methods of destruction.

Infectious Diseases.

Thirty-eight visits were made to infectious houses, enquiries made as to the cause or origin of the disease, leaflets of instructions given to householders with regard to isolation of the infected person and the disinfection of the infected articles, etc., connected with the disease. Disinfectants and carbolised oil are supplied free. The requisite exclusion notices were given in respect of contacts of school-age, until the Medical Attendant certified the children to be free from infection.

Fifty-seven rooms and houses were disinfected. Seventy-five lots of beddings have been destroyed on request during the year. Other articles are either disinfected in the houses with formic aldehyde gas or removed to the steam disinfector for treatment. Forty-nine books from our various libraries were disinfected prior to being put back into circulation.

Disinfestation from Bed Bugs.

No. of Council houses found to be infested	1
No. of other houses found to be infested ...	5
No. of houses disinfested	6

Housing Act, 1936.

The following tables give particulars of surveys and inspections carried out under the provisions of the above Act.

Individually unfit houses.

Situation	No. of Houses	Date of Representation
75, Lodge Lane, Bacup.	1	23rd May, 1939.
77, Lodge Lane, Bacup.	1	do.

Section 12, Housing Act, 1936.—Closing Orders.

Situation	No. of Houses	Date of Representation
5, Holmes Buildings, Bacup.	1	23rd May, 1939.
1, Irwell Cottages, Bacup.	1	do.
14a, 16, 18, 32, Tong Lane, Bacup.	1	do.
10, Bowker Street, Bacup.	1	do.
8, 10, 12, Albion Street, Bacup.	3	do.
2, Grove Terrace, Bacup.	1	do.
1, Myrtle Grove, Bacup.	1	do.
11, 13, Change Terrace, Bacup.	2	do.
14, Bankside Lane, Bacup.	1	do.
6, 8, Temperance Terrace, Bacup.	2	do.
26, Spring Gardens, Bacup.	1	do.
2, 4, 13, Pippin Street, Bacup.	3	do.
66, Barlow Street, Stacksteads.	1	do.
5, 6, Warburton's Buildings, Stacksteads.	2	do.

The Health Committee at their meeting held on the 10th October, 1939, resolved that no further action be taken with regard to the premises No. 15/16 Heys Buildings, Stacksteads.

Unofficial Action.

Owing to the exigencies of Air Raid Precautions work and staffing changes few routine inspections under the Housing Consolidated Regulation have been carried out. 11 Intimation Notices were served resulting in the reconditioning of 11 dwelling houses.

Public Cleansing Service.

The Health Committee are responsible for the Cleansing and Disposal of contents or Ashpits, Privy Middens, Dust-bins, Cesspools and Pail Closets and for the Cleansing and maintenance of Public Sanitary Conveniences.

(1) Storage. The following are the types of receptacles in use at the 31st March, 1940.

Fixed Ashpits ...	7
Dustbins	6650
Privy Middens ...	4
Pail Closets ...	162
Waste Water Closets ...	424

(2) Refuse Collection Service. The collection of domestic and trade refuse is performed by two S & D 7 Cu. yd. Refuse Collection Vehicles. These waggons purchased in 1932 and 1933 continue to give every satisfaction and have proved eminently satisfactory for this class of work locally.

All refuse is disposed of by Controlled Tipping on two tips--one at Change and the other known as Blackwood Tip, Stacksteads.

(3) Trade Refuse. In May, 1939, a Report was submitted by me to the Health Committee on a Proposed Scale of Charges for the Collection and Disposal of Trade Refuse in the borough. The Committee were aware of the thorny problems associated with "trade refuse" but after consideration of the matter in all its aspects resolved that the following Scale of Charges be approved locally :—

- (1) Where there are livings on the trade premises the Occupier be allowed one large Bin (16ins. x 20 ins.) free. Any refuse above this to be charged for at the rate of 2d. per bin.
- (2) Lock-up premises to be charged 2d. per bin for ALL trade refuse.
- (3) Where trade refuse is removed by the load from trade premises, to be charged for at the rate of 4s. 6d. per hour for the hire of the vehicle and 1s. 2d. per hour per man.
- (4) Where trade refuse is brought to the tips by tradesmen to be charged 1s. per load. Earth and any similar material likely to be useful for "cover" for the tip to be tipped free of charge.

During the year 469 dustbins have been sold and delivered by this Department. Dustbins are being more generally adopted and a sanitary improvement effected and the work of refuse collection greatly facilitated.

DETAILS OF CLEANSING COSTS FOR YEAR ENDING 31st MARCH, 1940.

COLLECTION & DISPOSAL—		ACTUAL EXPENDITURE		
Expenditure.	£	s.	d.	
Wages of Drivers	391	3	10	
Wages of Scavengers	940	9	11	
Motor —Repairs	136	7	11	
Insurances	9	17	10	
Licences	70	10	0	
Spirit, Oil, &c.	179	19	6	
Rent of Garage	50	0	0	
Team Labour				
Rent and Maintenance of Tips				
Nightsoil Chutes				
Pails and Repairs				
Miscellaneous				
Gross Expenditure	2186	17	1	
Income.				
Removal of Trade Refuse.....	144	15	8	
Tipping Dues and Disinfecting Houses, &c.	26	18	3	
Sale of Dust Bins.....	25	11	4	
Sale of Salvage.....	34	17	7	
Gross Income	232	2	10	
Net Expenditure	1954	14	3	

Soon after the commencement of hostilities Local Authorities were circularised by the Salvage Department of the Ministry of Supply on the Collection and Utilisation of all Waste and Dormant Materials for the successful prosecution of the War.

The Department does not possess a Mechanical Paper Baler but the Committee have resolved that one be purchased.

Towards the end of the financial year the following Leaflet was issued to every Householder in the borough in order to stimulate a quick response to the Call for Salvage.

Borough of Bacup.

Health and Cleansing Department.

WASTE NOT—

1. Please tie up into neat bundles your old Newspapers, Magazines, Wrapping Paper, Cardboard, Catalogues, &c. Place your bundle beside the dustbin or hand it to the dustman.
2. Keep any discarded Scrap Iron, Aluminium, Brass, Copper, Lead, Zinc, &c., separate from your dustbin, and hand it to the dustman for collection.
3. This department will also collect from you your old Carpets, Peg Rugs, Mixed Rags and Woollen Rags.

These articles can be disposed of to the Corporation's benefit, and also return to industry Vital Raw Materials of National Importance.

THANK YOU !

4. Sift your Cinders—from $1\frac{1}{2}$ to 2 million tons of Fuel in the form of Cinder are thrown into dustbins throughout the country each year. It costs the country from 10s. to 15s. per ton to collect and dispose of House Refuse of which **RECOVERED CINDERS ARE WORTH 10s. PER TON TO YOU.**

SALVAGE FOR VICTORY !

ELI GLEDHILL, Chairman, Health Committee.

W. A. HEALEY, C.R.S.I., M.S.I.A.,

Chief Sanitary Inspector and Cleansing Superintendent.

Conclusion.

In concluding this Report I should like to record my appreciation of the support received from the Health Committee and Dr. McKinney during the year. The Chairman and Vice-Chairman maintain a keen interest in the work, and I thank them for their valuable assistance.

My thanks are also due to Mr. Hargreaves, Additional Sanitary Inspector, to the clerical staff and finally to the workmen of the Cleansing Department.

I am, Mr. Mayor & Gentlemen,

Your Obedient Servant,

W. A. HEALEY,

Chief Sanitary Inspector and
Cleansing Superintendent.

BOROUGH OF BACUP.

CLEANSING SERVICE.

DETAILS OF CLEANSING COSTS for Year ending 31st March, 1940.

HOUSE AND TRADE REFUSE.

Item (1)	PARTICULARS.	REFUSE COLLECTION		REFUSE DISPOSAL.		TOTAL	
		Depreciation or Loan Charges		Depreciation or Loan Charges		Depreciation or Loan Charges	
		Included	Excluded	Included	Excluded	Included	Excluded
<u>REVENUE ACCOUNT.</u>							
A	Gross Expenditure.....	£ s. d. 1798 2 5	£ s. d. 1748 2 5	£ s. d. 388 14 8	£ s. d. 375 4 8	£ s. d. 2186 17 1	£ s. d. 2123 7 1
B	Gross Income.....	171 13 6	171 13 6	1 8 6	1 8 6	173 2 0	173 2 0
C	Net cost	1626 8 11	1576 8 11	387 6 2	373 16 2	2013 15 1	1950 5 1
	Less Nightsoil	85 0 0	85 0 0	25 0 0	25 0 0	110 0 0	110 0 0
	Unit Cost—						
D	Gross Expenditure per ton	s. d. 8 0.05	s. d. 7 9.8	s. d. 1 8.87	s. d. 1 8.41	s. d. 9 8.92	s. d. 9 8.21

	per ton	8	0.05	7	9.22	1	8.87	1	8.41	9	8.92	9	8.21	
	per ton.....		9.22		9.22		0.07		0.07		9.29		9.29	
F	Net cost, per ton.....	7	2.83	7	0.58		1	8.80	1	8.34	8	11.63	8	8.92
G	Net cost per 1,000 population	£ s. d. 83 8 0	£ s. d. 80 16 5	£ s. d. 19 16 11	£ s. d. 19 3 7		£ s. d. 19 16 11		£ s. d. 19 3 7		£ s. d. 103 4 11		£ s. d. 110 0 0	
H	Net cost, per 1,000 houses or premises from which refuse is collected.....	271 1 6	262 14 10	64 11 0	62 6 0		64 11 0		62 6 0		335 12 6		325 0 10	

1.	Total refuse in tons (Test Weighings) Collected	4470 tons
2.	Total Refuse disposed of	4470 tons
3.	Population ; Midsummer, 1939	19,660
4.	Area	6,121 acres
5.	Weight (in cwt.) per 1,000 population per day	12.4 cwts.
6.	Number of Houses and Premises	6,048
7.	Average length of haul	1 mile
8.	Ratable Value	£88,511
9.	Product of a penny rate	£333
10.	Total rates in the £.....	£ - 15 - 6.
11.	Method of Collection	
	Motor Transport	100%
	Mechanical vehicles	2
	Method of Disposal—	
	Controlled Tipping	100%

